



#33/L.D.S.

Attorney's Docket No. 021565-060

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)	BOX RCE
)	
WATERHOUSE et al)	Group Art Unit: 1635
)	
Application No.: 09/287,632)	Examiner: Karen A. LaCourciere
)	
Filed: April 7, 1999)	Confirmation No.: 6526
)	
For: METHODS AND MEANS FOR)	
OBTAINING MODIFIED PHENOTYPES)	

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FIFTH
INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.


The being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since being filed within the time period set forth in 37 C.F.R. § 1.97(b) no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

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Date: March 11, 2003

By: 
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SHEET 1 OF 3

Substitute for forms 1449A/PTO & 1449B/PTO

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U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	Translation Yes No

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	✓ Dorian Bevec et al, "Constitutive Expression of Chimeric Neo-Rev Response Element Transcripts Suppresses HIV-1 Replication in Human CD4 ⁺ T Lymphocytes" <u>Human Gene Therapy</u> , Vol. 5, pp. 193-201 (1994) Mary Ann Liebert, Inc. Publishers, Larchmont, New York USA
	✓ Pontus Blomberg et al, "Control of Replication of Plasmid R1: the Duplex Between the Antisense RNA, CopA, and its Target, CopT, is Processed Specifically <i>in vivo</i> and <i>in vitro</i> by RNase III", <u>The EMBO Journal</u> , Vol. 9, No. 7, pp. 2331-2340, 1990, Oxford University Press, Oxford United Kingdom
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	✓ Marinee K.L. Chuah et al, "Inhibition of Human Immunodeficiency Virus Type-1 by Retroviral Vectors Expressing Antisense-TAR", <u>Human Gene Therapy</u> , Vol. 5, pp. 1467-1475 (Dec. 1994), Mary Ann Liebert, Inc., Publishers, Larchmont, New York USA
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	✓ Claudio Denoya et al, "Translational Autoregulation of <i>ermC</i> 23S rRNA Methyltransferase Expression in <i>Bacillus subtilis</i> ", <u>Journal of Bacteriology</u> , Dec. 1986, pp. 1133-1141, American Society for Microbiology, Washington, D.C. USA

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	✓ Douglas R. Dorer et al, Expansions of Transgene Repeats Cause Heterochromatin Formation and Gene Silencing in <i>Drosophila</i> ", <u>Cell</u> Vol. 77, July 1, 1994, pp. 993-1002, Cell Press Cambridge, Massachusetts, USA
	✓ Alain Gervaix et al, "Multigene Antiviral Vectors Inhibit Diverse Human Immunodeficiency Virus Type 1 Clades" <u>Journal of Virology</u> , Vol. 71, No. 4, April 1997, pp. 3048-3053, American Society for American Microbiology, Washington, DC, USA
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	✓ Titia Sijen et al, "RNA-Mediated Virus Resistance: Role of Repeated Transgenes and Delineation of Targeted Regions", <u>The Plant Cell</u> , Vol. 8, pp. 2277-2294, Dec. 1996, American Society of Plant Physiologists, American Society of Plant Physiologists, Rockville, Maryland, USA
	✓ Maïke Stam et al, "Post-Transcriptional Silencing of Chalcone Synthase in <i>Petunia</i> by Inverted Transgene Repeats", <u>The Plant Journal</u> , 1997, Vol. 12, no. 1, pp. 63-82, Blackwell Sciences, Ltd., Oxford, UK



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	✓ Bruce A. Sullenger et al, "Analysis of <i>trans</i> -Acting Response Decoy RNA-Mediated Inhibition of Human Immunodeficiency Virus Type 1 Transcription", <u>Journal of Virology</u> , Vol. 65, No. 12, Dec. 1991, pp. 6811-6816, American Society for Microbiology, Washington, D.C. USA
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